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DATE: Wednesday, February 16, 2005

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☐ 1. Document ID: US 20040224875 A1

Using default format because multiple data bases are involved.

L8: Entry 1 of 17 File: PGPB Nov 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040224875
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040224875 A1

TITLE: Inhibitors of glutaminyl cyclase

PUBLICATION-DATE: November 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schilling, Stephan	Halle/Saale		DE	
Niestroj, Andre J.	Sennewitz		DE	
Heiser, Ulrich	Halle/Saale		DE	
Buchholz, Mirko	Halle/Saale		DE	
Demuth, Hans-Ulrich	Halle/Saale		DE	

US-CL-CURRENT: 514/2; 514/393

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw Des

☐ 2. Document ID: US 20030235536 A1

L8: Entry 2 of 17 File: PGPB Dec 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030235536
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030235536 A1

TITLE: Central airway administration for systemic delivery of therapeutics

PUBLICATION-DATE: December 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Blumberg, Richard S.	Chestnut Hill	MA	US	
Lencer, Wayne I.	Jamaica Plain	MA	US	
Simister, Neil E.	Wellesley	MA	US	
Bitonti, Alan J.	Acton	MA	US	

US-CL-CURRENT: 424/45; 424/85.5, 424/85.6, 424/85.7, 514/2, 514/44

ABSTRACT:

The present invention relates to methods and products for the transepithelial systemic delivery of therapeutics. In particular, the invention relates to methods and compositions for the systemic delivery of therapeutics by administering an aerosol containing antibodies or conjugates of a therapeutic agent with an FcRn binding partner to epithelium of central airways of the lung. The methods and products are adaptable to a wide range of therapeutic agents, including proteins and polypeptides, nucleic acids, drugs, and others. The methods and products have the advantage of not requiring administration to the deep lung in order to effect systemic delivery.

☐ 3. Document ID: US 20030175748 A1

L8: Entry 3 of 17 File: PGPB Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030175748
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030175748 A1

TITLE: Novel human G-protein coupled receptor, HGPRBMY3, expressed highly in immune- and colon- related tissues

PUBLICATION-DATE: September 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Feder, John N.	Belle Mead	NJ	US	
Mintier, Gabriel	Hightstown	NJ	US	
Ramanathan, Chandra S.	Wallingford	CT	US	
Hawken, Donald R.	Lawrenceville	NJ	US	
Cacace, Angela	Clinton	CT	US	
Barber, Lauren E.	Jewett City	CT	US	
Kornacker, Michael G.	Princeton	NJ	US	

US-CL-CURRENT: 435/6; 435/320.1, 435/325, 435/69.1, 514/1, 514/12, 514/44, 530/350, 536/23.5

ABSTRACT:

The present invention describes a newly discovered human G-protein coupled receptor and its encoding polynucleotide. Also described are expression vectors, host cells, agonists, antagonists, antisense molecules, and antibodies associated with the polynucleotide and/or polypeptide of the present invention. In addition, methods for treating, diagnosing, preventing, and screening for disorders associated with aberrant cell growth, immunological conditions, and diseases or disorders related to immune tissues, brain, breast, cervix, kidney, and colon are illustrated.

☐ 4. Document ID: US 20030170690 A1

L8: Entry 4 of 17 File: PGPB Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170690
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030170690 A1

TITLE: Immunocellular receptors related to neurological disorders and therapeutic uses thereof

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shatz, Carla J.	Boston	MA	US	
Syken, Joshua	Jamaica Plain	MA	US	

US-CL-CURRENT: 435/6; 435/7.2, 514/2, 514/44, 514/54, 536/23.2

ABSTRACT:

Class I major histocompatibility complex, is required in the activity-dependent refinement and plasticity of connections in the developing and adult central nervous system, demonstrating that molecules can perform critical roles in both systems. Similarities in the cellular signaling mechanisms of the immune and nervous systems provide for development of therapeutic and diagnostic agents in abnormal neuronal cellular function.

☐ 5. Document ID: US 20020192711 A1

L8: Entry 5 of 17 File: PGPB Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020192711
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020192711 A1

TITLE: Methods for identifying ligands of G-Protein-Coupled receptors

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nestor, John J.	Bedford	MA	US	
Wilson, Carol J.	Somerville	MA	US	
Cantley, Lewis C.	Cambridge	MA	US	
Yaffe, Michael B.	Jamaica Plain	MA	US	
Guo, Ailan	Medford	MA	US	

US-CL-CURRENT: 435/7.1; 435/6, 436/518, 514/1

ABSTRACT:

Methods for identifying ligands of G-protein coupled receptors are provided. Methods generally involve the steps of associating a GPCR having a functional conformation with a support, interacting a naturally-derived sample with the GPCR to bind a molecule in the sample to the GPCR and separating the molecule from the support.

☐ 6. Document ID: US 20020182650 A1

L8: Entry 6 of 17 File: PGPB Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020182650
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020182650 A1

TITLE: Inhibitors of binding between proteins and macromolecular ligands

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sworin, Michael	Tyngsboro	MA	US	
Jenson, James C.	Sudbury	MA	US	

US-CL-CURRENT: 435/7.9; 514/1

ABSTRACT:

Disclosed is a compound which inhibits binding between a target protein and a macromolecular ligand of the target protein. The compound comprises a targeting group, an attaching group and, optionally a linker group. In one aspect of the invention, the targeting group is a moiety that binds non-covalently to a surface of the target protein with a Kd of greater than about 0.1 .mu.M and within sufficient proximity to the target protein/macromolecular ligand binding site to inhibit binding between the target protein and the macromolecular ligand. In another aspect of the invention, targeting group is degradable in vivo. In yet another aspect of the invention, the compound comprises a linker group that is cleavable in vivo.

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Des

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☐ 7. Document ID: US 20020132224 A1

L8: Entry 7 of 17 File: PGPB Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020132224
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020132224 A1

TITLE: CaR receptor as a mediator of migratory cell chemotaxis and/or chemokinesis

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Poznansky, Mark C.	Charlestown	MA	US	
Scadden, David T.	Weston	MA	US	
Olszak, Ivona T.	Charlestown	MA	US	
Brown, Edward M.	Milton	MA	US	

US-CL-CURRENT: 435/4; 514/1

ABSTRACT:

This invention relates to methods and compositions for modulating movement of eukaryotic cells with migratory capacity. More specifically, the invention relates to methods and compositions for modulating movement of CaR receptor expressing cells of hematopoietic, neural, epithelial, endothelial, or mesenchymal origin, in a specific site in a subject. The foregoing are useful, inter alia, in the treatment of conditions characterized by a need to modulate migratory-cell movement associated with specific sites in a subject. Specific sites include sites of inflammation and modulation of migratory-cell movement is movement away from an agent source, or repulsion. The invention also relates to methods for manipulating hematopoeitic progenitor cells and related products. In particular the invention includes methods and products for using CaR receptor-related compositions to enhance mobilization of hematopoietic progenitor cells, to improve the efficiency of targeting cells to the bone marrow, and/or to modulate hematopoietic progenitor cell function.

☐ 8. Document ID: US 20020061834 A1

L8: Entry 8 of 17 File: PGPB May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020061834
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020061834 A1

TITLE: Human G-protein Chemokine receptor (CCR5) HDGNR10

PUBLICATION-DATE: May 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rosen, Craig A.	Laytonsville	MD	US	
Roschke, Viktor	Rockville	MD	US	
Li, Yi	Sunnyvale	CA	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 514/1; 435/320.1, 435/325, 435/69.1, 530/350, 536/23.5

ABSTRACT:

The present invention relates to a novel human protein called Human G-protein Chemokine Receptor (CCR5) HDGNR10, and isolated polynucleotides encoding this protein. The invention is also directed to human antibodies that bind Human G-protein Chemokine Receptor (CCR5) HDGNR10 and to polynucleotides encoding those antibodies. Also provided are vectors, host cells, antibodies, and recombinant methods for producing Human G-protein Chemokine Receptor (CCR5) HDGNR10 and human anti-Human G-

protein Chemokine Receptor (CCR5) HDGNR10 antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to this novel human protein and these novel human antibodies.

☐ 9. Document ID: US 20020055456 A1

L8: Entry 9 of 17 File: PGPB May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055456
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020055456 A1

TITLE: Therapeutic methods that target fractalkine or CX3CR1

PUBLICATION-DATE: May 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Koch, Alisa E.	River Forest	IL	US	

US-CL-CURRENT: 514/1; 424/143.1

ABSTRACT:

The invention relates to antagonists of CX3C chemokine receptor 1 (CX3CR1) function, antagonists of fractalkine function and to therapeutic methods employing the antagonists. The invention also relates to a method for diagnosing rheumatoid arthritis.

☐ 10. Document ID: US 20020010125 A1

L8: Entry 10 of 17 File: PGPB Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020010125
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020010125 A1

TITLE: Assay for agents that induce chemokinesis

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Carson, Dennis A.	Del Mar	CA	US	
Leoni, Lorenzo M.	San Diego	CA	US	
Cottam, Howard B.	Escondido	CA	US	

US-CL-CURRENT: 514/1; 435/372, 435/4

ABSTRACT:

The present invention provides methods for identifying compounds that can induce cellular chemokinesis. According to the present invention, chemokinesis interferes with immune and inflammatory responses by increasing cell movements and altering cell migration patterns. Surprisingly, compounds isolated according to the present invention can interfere with the spread of malignant cells through the body, reduce inflammatory responses and can cause leukocytes to be retained in lymph nodes, the spleen and other organs of the reticulo-endothelial system. Several methods are contemplated by the present invention for identifying compounds which can induce chemokinesis. In one embodiment the method involves contacting a population of target cells with a test compound and observing whether the target cells produce a chemotactic molecule; wherein the target cell has a cognate receptor for the chemotactic molecule. In another embodiment, the method involves contacting a population of target cells with a test compound and observing whether the target cells homotypically aggregate. In yet another embodiment, the method involves contacting a population of target cells with a test compound and observing whether actin filaments in the target cells form stress fibers.

☐ 11. Document ID: US 6756035 B2

L8: Entry 11 of 17 File: USPT Jun 29, 2004

US-PAT-NO: 6756035
DOCUMENT-IDENTIFIER: US 6756035 B2
**** See image for Certificate of Correction ****

TITLE: Anti-CCR1 antibodies and methods of use therefor

DATE-ISSUED: June 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Qin; Shixin	Lexington	MA		
Newman; Walter	Boston	MA		
Kassam; Nasim	Waltham	MA		

US-CL-CURRENT: 424/143.1; 424/133.1, 424/139.1, 424/144.1, 514/2, 530/388.22

ABSTRACT:

The present invention relates to an antibody or functional fragment thereof which binds to a mammalian (e.g., human) CC-chemokine receptor 1 (CCR1) or a portion of the receptor and blocks binding of a ligand to the receptor. The invention further relates to a method of inhibiting the interaction of a cell bearing mammalian CCR1 with a ligand thereof, and to use of the antibodies and fragments in research, therapeutic, prophylactic and diagnostic methods.

97 Claims, 23 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 13

☐ 12. Document ID: US 6592862 B1

L8: Entry 12 of 17 File: USPT Jul 15, 2003

US-PAT-NO: 6592862
DOCUMENT-IDENTIFIER: US 6592862 B1

TITLE: Methods for the modulation of the growth of collateral arteries and/or other arteries from preexisting arteriolar connections

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schaper; Wolfgang	Bad Nauheim/Rodgen			DE
Ito; Wulf D.	Luneburg			DE

US-CL-CURRENT: 424/85.1; 514/12, 514/2, 514/8

ABSTRACT:

Described is the modulation of the growth of collateral arteries and/or other arteries from preexisting arterlolar connections. Methods are provided for enhancing the growth of collateral arteries and/or other arteries from preexisting arteriolar connections comprising contacting tissue or cells with a monocyte chemotactic protein (MCP) or a nudeic acid molecule encoding said MCP. Furthermore, the use of a MCP or a nucleic acid molecule encoding said MCP for the preparation of pharmaceutical compositions for enhancing collateral growth of collateral arteries and/or other arteries from preexisting arteriolar connections is described, Also provided are methods for the treatment of tumors comprising contacting tissue or cells with an agent which suppresses the growth of collateral arteries and/or other arteries from preexisting arteriolar connections through the attraction of monocytes. Described is further the use of an agent which suppresses the growth of collateral arteries and/or other arteries from preexisting arteriolar connections through attraction of monocytes for the preparation of pharmaceutical compositions for the treatment of tumors.

14 Claims, 14 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 9

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw. Des.

☐ 13. Document ID: US 6531447 B1

L8: Entry 13 of 17 File: USPT Mar 11, 2003

US-PAT-NO: 6531447
DOCUMENT-IDENTIFIER: US 6531447 B1

TITLE: Secreted protein HEMCM42

DATE-ISSUED: March 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ruben; Steven M.	Olney	MD		
Rosen; Craig A.	Laytonsville	MD		
Carter; Kenneth C.	North Potomac	MD		
Dillon; Patrick J.	Carlsbad	CA		
Endress; Gregory A.	Potomac	MD		
Yu; Guo-Liang	Berkeley	CA		
Ni; Jian	Rockville	MD		
Feng; Ping	Gaithersburg	MD		

US-CL-CURRENT: 514/2; 530/300, 530/350

ABSTRACT:

The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

52 Claims, 0 Drawing figures
Exemplary Claim Number: 1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc

☐ 14. Document ID: US 6495129 B1

L8: Entry 14 of 17 File: USPT Dec 17, 2002

US-PAT-NO: 6495129
DOCUMENT-IDENTIFIER: US 6495129 B1

TITLE: Methods of inhibiting hematopoietic stem cells using human myeloid progenitor inhibitory factor-1 (MPIF-1) (Ckbeta-8/MIP-3)

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Li; Haodong	Gaithersburg	MD		
Ruben; Steven M.	Olney	MD		

US-CL-CURRENT: 424/85.1; 514/12, 514/2, 514/8

ABSTRACT:

There are disclosed therapeutic compositions and methods using isolated nucleic acid molecules encoding a human myeloid progenitor inhibitory factor-1 (MPIF-1) polypeptide (previously termed MIP-3 and chemokine .beta.8 (CK.beta.8 or ckb-8)), as well as MPIF-1 polypeptide itself, as are vectors, host cells and recombinant methods for producing the same.

16 Claims, 102 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 73

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. Des.

☐ 15. Document ID: US 6245332 B1

L8: Entry 15 of 17 File: USPT Jun 12, 2001

US-PAT-NO: 6245332
DOCUMENT-IDENTIFIER: US 6245332 B1

TITLE: Modulation of systemic memory T cell trafficking

DATE-ISSUED: June 12, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Butcher; Eugene C.	Portola Valley	CA		
Campbell; James J.	Palo Alto	CA		
Wu; Lijun	Reading	MA		
Rottman; James B.	Sudbury	MA		

US-CL-CURRENT: 424/184.1; 424/130.1, 424/139.1, 424/141.1, 424/145.1, 424/85.1, 514/1, 514/12, 514/2

ABSTRACT:

Methods are provided to specifically modulate the trafficking of systemic memory T cells, particularly CD4+ T cells, without affecting naive T cells or intestinal memory T cells. It is shown that systemic memory T cells, which are characterized as CD45Ra.sup.-, and integrin .alpha.4.beta.7.sup.-, express high levels of CCR4. Ligands of CCR4, such as TARC or MDC, act as an adhesion trigger, wherein upon CCR4 binding, these cells undergo integrin-dependent arrest to the appropriate vascular receptor(s). This arrest acts to localize the cells at the target site. The methods of the invention manipulate this triggering, and CCR4 mediated chemotaxis, to affect the localization of T cells in targeted tissues. In one embodiment of the invention, the active agent is a CCR4 agonist, that acts to enhance T cell localization. In an alternative embodiment, the agent is an antagonist that blocks CCR4 biological activity. An advantage of the invention is the selectivity for systemic memory T cells, without affecting native T cells or intestinal memory T cells.

15 Claims, 20 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 7

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. Des.

☐ 16. Document ID: US 6168784 B1

L8: Entry 16 of 17 File: USPT Jan 2, 2001

US-PAT-NO: 6168784

DOCUMENT-IDENTIFIER: US 6168784 B1

TITLE: N-terminal modifications of RANTES and methods of use

DATE-ISSUED: January 2, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Offord; Robin E.	Bernex			CH
Thompson; Darren	Santa Cruz	CA		
Wilken; Jill	San Francisco	CA		

US-CL-CURRENT: 424/85.1; 514/12, 514/2, 530/300, 530/324

ABSTRACT:

N-terminally modified RANTES derivatives are disclosed. The derivatives effectively block the inflammatory effects of RANTES, and are useful for the treatment of asthma, allergic rhinitis, atopic dermatitis, atheroma/atherosclerosis, and rheumatoid arthritis. Additionally, the compounds are useful for the treatment of HIV infection.

9 Claims, 8 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 8

☐ 17. Document ID: US 6132987 A

L8: Entry 17 of 17 File: USPT Oct 17, 2000

US-PAT-NO: 6132987
DOCUMENT-IDENTIFIER: US 6132987 A

TITLE: Recombinant mammalian monocyte chemotactic protein-1 (MCP-1) receptors (MCP-1R, CCR-2)

DATE-ISSUED: October 17, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Charo; Israel F.	Lafayette	CA		
Coughlin; Shaun R.	Tiburon	CA		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/254.11, 435/320.1, 435/325, 435/348, 435/7.1, 435/7.21, 514/2, 530/350, 536/23.5

ABSTRACT:

DNAs encoding receptors for the chemokine, Monocyte Chemotactic Protein-1 (MCP-1), are disclosed. Recombinant reagents and methods for expressing the DNAs are also provided. Exemplary receptor proteins are MCP-1RA and MCP-1RB, which correspond to alternatively spliced transcripts of the human MCP-1R gene. The receptor proteins of the invention are useful in assays to identify agonists and antagonists of MCP-1.

28 Claims, 18 Drawing figures
Exemplary Claim Number: 1,18
Number of Drawing Sheets: 14

Full | Title | Citation | Front | Review | Classification | Date | Reference | [illegible] | Claims | KWMC | Draw. Des.

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☐ 1. Document ID: US 20040192580 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 18 File: PGPB Sep 30, 2004

PGPUB-DOCUMENT-NUMBER: 20040192580
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040192580 A1

TITLE: Regulation of human ceramide kinase

PUBLICATION-DATE: September 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kossida, Sophia	Toulouse		FR	
Encinas, Jeffrey	Nara		JP	
Takao, Eiko	Nagasaki		JP	

US-CL-CURRENT: 514/2; 435/194, 435/320.1, 435/325, 435/69.1, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Des

☐ 2. Document ID: US 20040005338 A1

L4: Entry 2 of 18 File: PGPB Jan 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040005338
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040005338 A1

TITLE: Packaged virus-like particles for use as adjuvants: method of preparation and use

PUBLICATION-DATE: January 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bachmann, Martin F.	Seuzach		CH	
Renner, Wolfgang A.	Kilchberg		CH	

US-CL-CURRENT: 424/204.1; 514/2, 514/292, 514/44, 514/54, 514/8

ABSTRACT:

The invention relates to the finding that virus like particles (VLPs) can be loaded

and packaged, respectively, with DNA oligonucleotides rich in non-methylated C and G (CpGs). If such CpG-VLPs are mixed with antigens, the immunogenicity of these antigens are dramatically enhanced. In addition, the T cell responses against the antigens are especially directed to the Th1 type. Surprisingly, no covalent linkage of the antigen to the VLP is required; it is sufficient to simply mix the VLPs with the adjuvants for co-administration. In addition, it was found that VLPs did not enhance immune responses unless they were loaded and packaged, respectively, with CpGs. Antigens mixed with CpG-packaged VLPs may therefore be ideal vaccines for prophylactic or therapeutic vaccination against allergies, tumors and other self-molecules and chronic viral diseases.

☐ 3. Document ID: US 20030235536 A1

L4: Entry 3 of 18 File: PGPB Dec 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030235536
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030235536 A1

TITLE: Central airway administration for systemic delivery of therapeutics

PUBLICATION-DATE: December 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Blumberg, Richard S.	Chestnut Hill	MA	US	
Lencer, Wayne I.	Jamaica Plain	MA	US	
Simister, Neil E.	Wellesley	MA	US	
Bitonti, Alan J.	Acton	MA	US	

US-CL-CURRENT: 424/45; 424/85.5, 424/85.6, 424/85.7, 514/2, 514/44

ABSTRACT:

The present invention relates to methods and products for the transepithelial systemic delivery of therapeutics. In particular, the invention relates to methods and compositions for the systemic delivery of therapeutics by administering an aerosol containing antibodies or conjugates of a therapeutic agent with an FcRn binding partner to epithelium of central airways of the lung. The methods and products are adaptable to a wide range of therapeutic agents, including proteins and polypeptides, nucleic acids, drugs, and others. The methods and products have the advantage of not requiring administration to the deep lung in order to effect systemic delivery.

☐ 4. Document ID: US 20030170690 A1

L4: Entry 4 of 18 File: PGPB Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170690
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170690 A1

TITLE: Immunocellular receptors related to neurological disorders and therapeutic uses thereof

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shatz, Carla J.	Boston	MA	US	
Syken, Joshua	Jamaica Plain	MA	US	

US-CL-CURRENT: 435/6; 435/7.2, 514/2, 514/44, 514/54, 536/23.2

ABSTRACT:

Class I major histocompatibility complex, is required in the activity-dependent refinement and plasticity of connections in the developing and adult central nervous system, demonstrating that molecules can perform critical roles in both systems. Similarities in the cellular signaling mechanisms of the immune and nervous systems provide for development of therapeutic and diagnostic agents in abnormal neuronal cellular function.

☐ 5. Document ID: US 20030139364 A1

L4: Entry 5 of 18 File: PGPB Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030139364
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030139364 A1

TITLE: Methods and products for enhancing immune responses using imidazoquinoline compounds

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Krieg, Arthur M.	Wellesley	MA	US	
Schetter, Christian	Hilden	MA	DE	
Bratzler, Robert L.	Concord		US	
Vollmer, Jorg	Dusseldorf		DE	
Jurk, Marion	Dusseldorf		DE	
Bauer, Stefan	Muenchen		DE	

US-CL-CURRENT: 514/44; 435/7.1, 514/171, 514/2, 514/263.38, 514/292

ABSTRACT:

The invention involves administration of an imidazoquinoline agent in combination with another therapeutic agent. The combination of drugs may be administered in synergistic amounts or in various dosages or at various time schedules. The invention

also relates to kits and compositions concerning the combination of drugs. The combinations can be used to enhance ADCC, stimulate immune responses and/or patient and treat certain disorders.

☐ 6. Document ID: US 20030083231 A1

L4: Entry 6 of 18 File: PGPB May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030083231
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030083231 A1

TITLE: Blood cell deficiency treatment method

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ahlem, Clarence N.	San Diego	CA	US	
Reading, Christopher	San Diego	CA	US	
Frincke, James	San Diego	CA	US	
Stickney, Dwight	Granite Bay	CA	US	
Lardy, Henry A.	Madison	WI	US	
Marwah, Padma	Middleton	WI	US	
Marwah, Ashok	Middleton	WI	US	
Prendergast, Patrick T.	Straffan		IE	

US-CL-CURRENT: 514/2; 514/169, 514/173, 514/26, 514/44, 514/63

ABSTRACT:

The invention relates to the use of compounds to treat a number of conditions, such as thrombocytopenia, neutropenia or the delayed effects of radiation therapy. Compounds that can be used in the invention include methyl-2,3,4-trihydroxy-1-O-(7,17-dioxoandrost-5-ene-3.beta.-yl)-.beta.-D- -glucopyranosiduronate, 16.alpha.,3.alpha.-dihydroxy-5.alpha.-androstan-17- -one or 3,7,16,17-tetrahydroxyandrost-5-ene, 3,7,16,17-tetrahydroxyandrost- -4-ene,3,7,16,17-tetrahydroxyandrost-1-ene or 3,7,16,17-tetrahydroxyandros- tane that can be used in the treatment method.

☐ 7. Document ID: US 20020142461 A1

L4: Entry 7 of 18 File: PGPB Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020142461
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020142461 A1

TITLE: T1 Receptor-like ligand II and uses thereof

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ni, Jian	Rockville	MD	US	
Gentz, Reiner L.	Rockville	MD	US	
Ruben, Steven M.	Olney	MD	US	

US-CL-CURRENT: 435/372; 424/85.1, 514/2

ABSTRACT:

The present invention relates to a novel T1 Receptor (T1R)-like ligand II protein. In particular, isolated nucleic acid molecules are provided encoding the T1R-like ligand II protein. T1R-like ligand II polypeptides are also provided, as are recombinant vectors and host cells for expressing the same. This invention further relates to pharmaceutical compositions and formulations comprising T1R-like ligand II. Also provided are methods of using T1R-like ligand II polynucleotides, polypeptides, antibodies or agonists/antagonists for therapeutic and diagnostic purposes. Diagnostic kits are further provided.

☐ 8. Document ID: US 6815420 B2

L4: Entry 8 of 18 File: USPT Nov 9, 2004

US-PAT-NO: 6815420
DOCUMENT-IDENTIFIER: US 6815420 B2

TITLE: Methods of using chemokine beta-6

DATE-ISSUED: November 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kreider; Brent L.	Bedford	MA		
Ruben; Steven M.	Olney	MD		
Olsen; Henrik S	Gaithersburg	MD		

US-CL-CURRENT: 514/12; 514/2

ABSTRACT:

Human chemokine .beta.-6 agonist and antagonist polypeptides and DNA encoding such polypeptides and a procedure for producing such polypeptides by recombinant techniques are disclosed. The chemokine .beta.-6 antagonists of the present invention may be employed to treat rheumatoid arthritis, lung inflammation, allergy, asmtha, infectious diseases and to prevent inflammation and atherosclerosis. The chemokine .beta.-6 agonists may be employed to myeloprotect patients undergoing chemotherapy.

26 Claims, 0 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 29

☐ 9. Document ID: US 6811773 B1

L4: Entry 9 of 18 File: USPT Nov 2, 2004

US-PAT-NO: 6811773
DOCUMENT-IDENTIFIER: US 6811773 B1

TITLE: Human monocyte colony inhibitory factor (M-CIF) polypeptides

DATE-ISSUED: November 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gentz; Reiner L.	Silver Spring	MD		
Kreider; Brent L.	Germantown	MD		
Zhang; Jun	Bethesda	MD		
Antonaccio; Michael	Germantown	MD		
Mendrick; Donna	Mt. Airy	MD		
Jimenez; Pablo	Ellicott City	MD		
Patel; Vikram	Germantown	MD		
Rosen; Craig A.	Laytonsville	MD		
Adams; Mark D.	North Potomac	MD		
Li; Haodong	Gaithersburg	MD		
Ruben; Steven M.	Olney	MD		

US-CL-CURRENT: 424/85.1; 435/252.3, 435/254.11, 435/320.1, 435/471, 435/69.5, 435/69.7, 435/71.1, 435/71.2, 514/12, 514/2, 514/8, 530/324, 536/23.5

ABSTRACT:

There are disclosed therapeutic compositions and methods using a human monocyte-colony inhibitory factor (M-CIF) polypeptide (previously termed MIP1-.gamma. chemokine .beta.1(CK.beta.1 or ckb-1)), as well as ioslated nucleic acid molecules encoding M-CIF, and vectors, host cells and recombinant methods for producing the same.

85 Claims, 74 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 69

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc

☐ 10. Document ID: US 6756035 B2

L4: Entry 10 of 18 File: USPT Jun 29, 2004

US-PAT-NO: 6756035
DOCUMENT-IDENTIFIER: US 6756035 B2
** See image for Certificate of Correction **

TITLE: Anti-CCR1 antibodies and methods of use therefor

DATE-ISSUED: June 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Qin; Shixin	Lexington	MA		
Newman; Walter	Boston	MA		
Kassam; Nasim	Waltham	MA		

US-CL-CURRENT: 424/143.1; 424/133.1, 424/139.1, 424/144.1, 514/2, 530/388.22

ABSTRACT:

The present invention relates to an antibody or functional fragment thereof which binds to a mammalian (e.g., human) CC-chemokine receptor 1 (CCR1) or a portion of the receptor and blocks binding of a ligand to the receptor. The invention further relates to a method of inhibiting the interaction of a cell bearing mammalian CCR1 with a ligand thereof, and to use of the antibodies and fragments in research, therapeutic, prophylactic and diagnostic methods.

97 Claims, 23 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 13

☐ 11. Document ID: US 6676939 B2

L4: Entry 11 of 18 File: USPT Jan 13, 2004

US-PAT-NO: 6676939
DOCUMENT-IDENTIFIER: US 6676939 B2

TITLE: Methods of modulating IL-174 response

DATE-ISSUED: January 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hurst; Stephen D.	Palo Alto	CA		
Zurawski; Sandra M.	San Juan Bautista	CA		
Rennick; Donna M.	Los Altos	CA		

US-CL-CURRENT: 424/139.1; 424/130.1, 424/133.1, 424/141.1, 514/2, 530/351

ABSTRACT:

Agonists or antagonists of cytokine designated IL-174, and various methods of their use are provided. In particular, the methods make use of facts that many activities of the IL-174 cytokine are described.

5 Claims, 0 Drawing figures
Exemplary Claim Number: 1

☐ 12. Document ID: US 6541224 B2

L4: Entry 12 of 18 File: USPT Apr 1, 2003

US-PAT-NO: 6541224
DOCUMENT-IDENTIFIER: US 6541224 B2
** See image for Certificate of Correction **

TITLE: Tumor necrosis factor delta polypeptides

DATE-ISSUED: April 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yu; Guo-Liang	Berkeley	CA		
Ni; Jian	Germantown	MD		
Gentz; Reiner L.	Rockville	MD		
Dillon; Patrick J.	Carlsbad	CA		

US-CL-CURRENT: 435/69.5; 435/69.1, 435/69.7, 435/7.71, 435/70.1, 514/12, 514/2, 530/350, 530/351

ABSTRACT:

The invention relates to human TNF delta and TNF epsilon polypeptides, polynucleotides encoding the polypeptides, methods for producing the polypeptides, in particular by expressing the polynucleotides, and agonists and antagonists of the polypeptides. The invention further relates to methods for utilizing such polynucleotides, polypeptides, agonists and antagonists for applications, which relate, in part, to research, diagnostic and clinical arts.

50 Claims, 7 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 11

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw Desc

☐ 13. Document ID: US 6495129 B1

L4: Entry 13 of 18 File: USPT Dec 17, 2002

US-PAT-NO: 6495129
DOCUMENT-IDENTIFIER: US 6495129 B1

TITLE: Methods of inhibiting hematopoietic stem cells using human myeloid progenitor inhibitory factor-1 (MPIF-1) (Ckbeta-8/MIP-3)

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY

Li; Haodong	Gaithersburg	MD
Ruben; Steven M.	Olney	MD

US-CL-CURRENT: 424/85.1; 514/12, 514/2, 514/8

ABSTRACT:

There are disclosed therapeutic compositions and methods using isolated nucleic acid molecules encoding a human myeloid progenitor inhibitory factor-1 (MPIF-1) polypeptide (previously termed MIP-3 and chemokine .beta.8 (CK.beta.8 or ckb-8)), as well as MPIF-1 polypeptide itself, as are vectors, host cells and recombinant methods for producing the same.

16 Claims, 102 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 73

☐ 14. Document ID: US 6485719 B1

L4: Entry 14 of 18 File: USPT Nov 26, 2002

US-PAT-NO: 6485719
DOCUMENT-IDENTIFIER: US 6485719 B1

TITLE: Methods for inhibiting angiogenesis with leukocyte adhesion inhibitor-1 (LAI-1) polypeptides

DATE-ISSUED: November 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Li; Haodong	Gaithersburg	MD		
Kreider; Brent L.	Germantown	MD		

US-CL-CURRENT: 424/85.1; 435/252.3, 435/320.1, 435/325, 435/471, 435/69.5, 435/71.1, 435/71.2, 514/12, 514/2, 514/8

ABSTRACT:

There are disclosed therapeutic compositions and methods using isolated nucleic acid molecules encoding a human chemokine beta-11 (Ck beta-11) polypeptide and a human leukocyte adhesion inhibitor-1 (LAI-1) polypeptide (previously termed chemokine .alpha.1(CK.alpha.1 or cka-1), as well as Ck beta-11 and/or LAI-1 polypeptides themselves, as are vectors, host cells and recombinant methods for producing the same.

15 Claims, 14 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 11

☐ 15. Document ID: US 6419917 B1

L4: Entry 15 of 18 File: USPT Jul 16, 2002

US-PAT-NO: 6419917
DOCUMENT-IDENTIFIER: US 6419917 B1

TITLE: Human chemotactic protein

DATE-ISSUED: July 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Li; Haodong	Gaithersburg	MD		
Ruben; Steven M.	Olney	MD		
Sutton, III; Granger	Columbia	MD		

US-CL-CURRENT: 424/85.1; 514/12, 514/2

ABSTRACT:

A human chemotactic polypeptide, DNA (RNA) encoding it, and a procedure for producing such a polypeptide by recombinant techniques are disclosed. Also disclosed are methods of using the polypeptide for a number of purposes, including: stem cell mobilization, myeloprotection, neuronal protection, treating tumors, wound healing, treating parasitic infection, and regulating hematopoiesis. Also disclosed are polypeptide antagonists and diagnostic assays for identifying mutations in nucleic acid sequence encoding a polypeptide of the present invention and for detecting altered levels of the polypeptide of the present invention for detecting diseases are also disclosed.

216 Claims, 12 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 10

☐ 16. Document ID: US 6391589 B1

L4: Entry 16 of 18 File: USPT May 21, 2002

US-PAT-NO: 6391589
DOCUMENT-IDENTIFIER: US 6391589 B1

TITLE: Human chemokine beta-10 mutant polypeptides

DATE-ISSUED: May 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Olsen; Henrik S.	Gaithersburg	MD		
Li; Haodong	Gaithersburg	MD		
Adams; Mark D.	North Potomac	MD		
Gentz; Solange H. L.	Rockville	MD		

Alderson; Ralph	Gaithersburg	MD
Li; Yuling	Germantown	MD
Parmelee; David	Rockville	MD
White; John R.	Coatsville	PA
Appelbaum; Edward R.	Blue Bell	PA

US-CL-CURRENT: 435/69.5; 424/85.1, 435/252.3, 435/254.11, 435/320.1, 435/325, 435/471, 435/71.1, 435/71.2, 514/12, 514/2 , 514/8, 530/324, 536/23.1, 536/23.5

ABSTRACT:

Human chemokine Beta-10 polypeptides and DNA (RNA) encoding such chemokine polypeptides and a procedure for producing such polypeptides by recombinant techniques is disclosed. Also disclosed are methods for utilizing such chemokine polypeptides for the treatment of leukemia, tumors, chronic infections, autoimmune disease, fibrotic disorders, wound healing and psoriasis. Antagonists against such chemokine polypeptides and their use as a therapeutic to treat rheumatoid arthritis, autoimmune and chronic inflammatory and infective diseases, allergic reactions, prostaglandin-independent fever and bone marrow failure are also disclosed.

50 Claims, 21 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 14

☐ 17. Document ID: US 6168784 B1

L4: Entry 17 of 18 File: USPT Jan 2, 2001

US-PAT-NO: 6168784
DOCUMENT-IDENTIFIER: US 6168784 B1

TITLE: N-terminal modifications of RANTES and methods of use

DATE-ISSUED: January 2, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Offord; Robin E.	Bernex			CH
Thompson; Darren	Santa Cruz	CA		
Wilken; Jill	San Francisco	CA		

US-CL-CURRENT: 424/85.1; 514/12, 514/2, 530/300, 530/324

ABSTRACT:

N-terminally modified RANTES derivatives are disclosed. The derivatives effectively block the inflammatory effects of RANTES, and are useful for the treatment of asthma, allergic rhinitis, atopic dermatitis, atheroma/atherosclerosis, and rheumatoid arthritis. Additionally, the compounds are useful for the treatment of HIV infection.

9 Claims, 8 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 8

☐ 18. Document ID: US 6096300 A

L4: Entry 18 of 18 File: USPT Aug 1, 2000

US-PAT-NO: 6096300
DOCUMENT-IDENTIFIER: US 6096300 A
**** See image for Certificate of Correction ****

TITLE: Treatment of myeloproliferative disease with exodus chemokine

DATE-ISSUED: August 1, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hromas; Robert	Indianapolis	IN		

US-CL-CURRENT: 424/85.1; 514/2, 514/8

ABSTRACT:

The present invention provides purified and isolated chemokine protein, fragments and polypeptide analogs thereof, antibodies thereto, and materials and methods for the recombinant production thereof. These products are useful in therapeutics, such as the treatment of myeloproliferative diseases, as well as in diagnostic and medical imaging applications.

2 Claims, 8 Drawing figures
Exemplary Claim Number: 1
Number of Drawing Sheets: 8

Full | Title | Citation | Front | Review | Classification | Date | Reference | [illegible] | Claims | KWMC | Draw Des

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PMID: 11056090 [PubMed - indexed for MEDLINE]

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Eotaxin: cloning of an eosinophil chemoattractant cytokine and increased mRNA expression in allergen-challenged guinea-pig lungs.

Jose PJ, Adcock IM, Griffiths-Johnson DA, Berkman N, Wells TN, Williams TJ, Power CA.

Department of Applied Pharmacology, National Heart and Lung Institute, London, U.K.

Eotaxin was recently identified as the major eosinophil chemoattractant in bronchoalveolar lavage fluid obtained 3h after allergen challenge of sensitised guinea-pigs. We now report the cDNA cloning of this C-C chemokine. The 777 base-pair clone, pEo3122, consists of a 40 base 5' untranslated region, an open reading frame of 288 bases predicting a 73 amino acid mature protein plus a 23 amino acid signal peptide, and a 3' untranslated region of 449 bases containing a poly A tail. Northern blot analysis showed eotaxin mRNA in the lungs of naive and sensitised guinea-pigs, which was considerably increased after allergen challenge. Eotaxin may be an important mediator of eosinophil accumulation and activation in allergic reactions. As eotaxin stimulates human eosinophils, this chemokine and related molecules may be involved in human diseases such as asthma where eosinophil accumulation is a prominent feature.

PMID: 7999113 [PubMed - indexed for MEDLINE]

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Constitutive and allergen-induced expression of eotaxin mRNA in the guinea pig lung.

Rothenberg ME, Luster AD, Lilly CM, Drazen JM, Leder P.

Howard Hughes Medical Institute, Brigham and Women's Hospital, Harvard Medical School, Boston, Massachusetts 02115.

Eotaxin is a member of the C-C family of chemokines and is related during antigen challenge in a guinea pig model of allergic airway inflammation (asthma). Consistent with its putative role in eosinophilic inflammation, eotaxin induces the selective infiltration of eosinophils when injected into the lung and skin. Using a guinea pig lung cDNA library, we have cloned full-length eotaxin cDNA. The cDNA encodes a protein of 96 amino acids, including a putative 23-amino acid hydrophobic leader sequence, followed by 73 amino acids composing the mature active eotaxin protein. The protein-coding region of this cDNA is 73, 71, 50, and 48% identical in nucleic acid sequence to those of human macrophage chemoattractant protein (MCP) 3, MCP-1, macrophage inflammatory protein (MIP) 1 alpha, and RANTES, respectively. Analysis of genomic DNA suggested that there is a single eotaxin gene in guinea pig which is apparently conserved in mice. High constitutive levels of eotaxin mRNA expression were observed in the lung, while the intestines, stomach, spleen, liver, heart, thymus, testes, and kidney expressed lower levels. To determine if eotaxin mRNA levels are elevated during allergen-induced eosinophilic airway inflammation, ovalbumin (OVA)-sensitized guinea pigs were challenged with aerosolized antigen. Compared with the lungs from saline-challenged animals, eotaxin mRNA levels increased sixfold within 3 h and returned to baseline by 6 h. Thus, eotaxin mRNA levels are increased in response to allergen challenge during the late phase response. The identification of constitutive eotaxin mRNA expression in multiple tissues suggests that in addition to regulating airway eosinophilia, eotaxin is likely to be involved in eosinophil recruitment into other tissues as well as in baseline tissue homing.

PMID: 7869037 [PubMed - indexed for MEDLINE]

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